

TABLE A.24. Deflection Computations for Cut at UCMA COBS2728-1

N/A

TABLE A.25. Deflection Computations for Cut at UCMACLAFAF402-I

N/A

TABLE A.26. Deflection Computations for Cut at UCMACMCA533-1

Load No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave Intermediate Deflection (1/1000 in.)	Ave Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (Corr = 0.78)	Seasonal Correction	Final Time Deflection
1	12.8	13.0	26.7	26.1	0.0321	0.0250	1.26	0.032
	13.8	15.1						
2	18.5	20.7	42.2	44.5	0.0510	0.0398	1.26	0.050
	22.7	23.8						
3	22.2	24.2	43.2	46.2	0.0547	0.0427	1.26	0.054
	21.0	22.8						
4	20.5	22.2	40.7	44.1	0.0538	0.0418	1.26	0.053
	20.2	21.8						
5	20.1	21.8	38.8	41.5	0.0483	0.0381	1.26	0.048
	18.7	20.0						
6	21.0	23.0	42.5	48.8	0.0588	0.0438	1.26	0.055
	21.8	23.0						
7	23.8	25.8	48.8	50.8	0.0838	0.0482	1.26	0.082
	23.8	25.0						
8	24.8	26.3	47.8	50.8	0.0587	0.0488	1.26	0.058
	23.0	24.8						
9	31.5	33.8	82.7	87.0	0.0782	0.0818	1.26	0.078
	31.2	33.2						

TABLE A.27. Deflection Computations for Cut at UCMA COBS2881-1

Piers No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave. Interim Deflection (1/1000 in.)	Ave. Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp. Corrected Deflection (Temp. = 9.3)	Seasonal Correction	Final True Deflection
1	8.8	9.7	19.5	19.6	0.0227	0.0211	1.00	0.021
2	15.8	16.2	29.8	31.1	0.0345	0.0321	1.00	0.032
3	16.8	17.8	32.8	35.8	0.0447	0.0418	1.00	0.042
4	12.2	13.1	24.8	26.2	0.0302	0.0281	1.00	0.028
5	10.8	11.1	21.8	22.2	0.0288	0.0258	1.00	0.025
6	10.1	10.8	20.2	21.8	0.0284	0.0245	1.00	0.025
7	10.2	11.3	20.2	21.8	0.0284	0.0245	1.00	0.025
8	10.4	11.2	18.8	21.3	0.0281	0.0243	1.00	0.024
9	10.8	10.7	20.2	21.8	0.0258	0.0238	1.00	0.024

TABLE A.28. Deflection Computations for Cut at UCMACOBSS044-1

Point No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave Warm Deflection (1/1000 in.)	Ave Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (Case = 3/)	Seasonal Correction	Final True Deflection
1	4.8	5.2	6.7	10.4	0.0124	0.0170	1.26	0.021
	4.8	5.2						
2	7.0	8.0	14.6	16.4	0.0215	0.0295	1.26	0.037
	7.0	8.4						
3	11.1	11.8	22.4	24.0	0.0268	0.0361	1.26	0.048
	11.3	12.1						
4	12.0	13.0	23.1	24.8	0.0268	0.0408	1.26	0.051
	11.1	11.8						
5	10.7	11.5	21.5	22.8	0.0268	0.0368	1.26	0.048
	10.8	11.4						
6	10.8	10.8	20.4	22.0	0.0268	0.0364	1.26	0.048
	10.4	11.2						
7	10.2	11.3	19.8	21.8	0.0261	0.0357	1.26	0.045
	9.7	10.2						
8	12.0	12.0	23.4	24.8	0.0268	0.0364	1.26	0.050
	11.4	11.8						
9	9.2	10.0	21.8	23.3	0.0278	0.0378	1.26	0.048
	12.0	13.3						

TABLE A.29. Deflection Computations for Cut at UCMACOBBS3060-1

Point No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave Interim Deflection (1/1000 in.)	Ave Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (Corr = 1.37)	Seasonal Correction	Final True Deflection
1	14.0	15.5	26.4	29.7	0.0334	0.0458	1.26	0.056
2	13.6	14.2	24.8	26.4	0.0310	0.0424	1.26	0.053
3	11.1	12.0	22.8	24.8	0.0305	0.0418	1.26	0.053
4	10.3	11.2	20.8	22.5	0.0271	0.0371	1.26	0.047
5	9.2	9.8	18.8	20.2	0.0248	0.0338	1.26	0.043
6	8.3	10.0	18.0	20.8	0.0258	0.0355	1.26	0.045
7	8.8	9.2	17.8	19.1	0.0228	0.0312	1.26	0.039
8	8.7	10.1	19.5	20.3	0.0228	0.0308	1.26	0.039
9	8.2	10.8	18.3	18.8	0.0245	0.0335	1.26	0.042

TABLE A.30. Deflection Computations for Cut at UCMACWTF3332-1

Panel No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave. Interim Deflection (1/1000 in.)	Ave. Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp. Corrected Deflection (Corr = 0.87)	Seasonal Correction	Final Live Deflection
1	15.0	15.0	31.4	31.0	0.0320	0.0297	1.26	0.030
2	15.0	16.0	31.6	32.0	0.0342	0.0298	1.26	0.037
3	13.0	14.2	29.3	27.2	0.0290	0.0259	1.26	0.033
4	12.5	13.0	25.2	27.4	0.0337	0.0293	1.26	0.037
5	13.0	14.0	25.3	28.0	0.0357	0.0310	1.26	0.038
6	12.2	13.4	23.2	24.6	0.0282	0.0245	1.26	0.031
7	11.1	11.6	20.0	21.6	0.0322	0.0280	1.26	0.035
8	12.0	12.0	21.6	20.0	0.0334	0.0291	1.26	0.037
9	12.3	12.0	23.4	25.0	0.0290	0.0257	1.26	0.032

TABLE A.31. Deflection Computations for Cut at UCMACDUN3422-1

Pier No	Interim Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave Interim Deflection (1/1000 in.)	Ave Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (2.00 = 1.01)	Seasonal Correction	Final Time Deflection
1	47	50	8.8	9.3	0.0107	0.0173	1.76	0.022
	41	43						
2	10.0	11.6	22.0	24.1	0.0301	0.0484	1.76	0.081
	12.0	13.1						
3	29.0	29.5	58.0	60.3	0.0846	0.1040	1.76	0.131
	29.8	30.8						
4	29.0	30.7	58.0	58.7	0.0864	0.1086	1.76	0.135
	27.0	28.0						
5	29.6	31.7	59.5	62.8	0.0726	0.1166	1.76	0.147
	29.7	31.2						
6	27.0	29.6	55.2	58.6	0.0680	0.1112	1.76	0.140
	26.2	30.0						
7	25.8	28.6	53.2	55.7	0.0626	0.1011	1.76	0.127
	27.4	28.6						
8	27.0	28.5	52.5	55.3	0.0633	0.1018	1.76	0.128
	25.5	26.8						
9	27.7	28.8	85.5	87.7	0.0640	0.1030	1.76	0.130
	27.8	28.8						

TABLE A.32. Deflection Computations for Cut at UCMACGRA458-1

Pond No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave. Minim. Deflection (1/1000 in.)	Ave. Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp. Corrected Deflection (Corr = 1.48)	Seasonal Correction	Final True Deflection
1	21.0	23.0	41.4	48.4	0.0008	0.0007	1.20	0.113
	20.4	22.0						
2	18.1	18.6	31.1	32.3	0.0357	0.0529	1.20	0.087
	15.8	15.7						
3	12.2	12.9	25.3	28.7	0.0307	0.0454	1.20	0.057
	13.1	13.8						
4	15.2	18.0	30.2	31.8	0.0384	0.0538	1.20	0.088
	18.0	15.8						
5	14.4	14.8	27.6	28.1	0.0334	0.0484	1.20	0.082
	13.2	14.2						
6	14.8	15.0	28.0	28.8	0.0325	0.0488	1.20	0.081
	14.1	14.8						
7	18.2	18.8	30.3	31.8	0.0353	0.0522	1.20	0.088
	14.1	14.8						
8	15.3	18.2	30.2	31.6	0.0352	0.0521	1.20	0.088
	14.8	15.3						
9	15.7	17.0	31.8	34.1	0.0408	0.0602	1.20	0.078
	18.1	17.1						

TABLE A.33. Deflection Computations for Cut at UCMACMON3431-1

Point No	Subgrade Deflection (1/1000 in.)	Load Deflection (1/1000 in.)	Ave Interim Deflection (1/1000 in.)	Ave Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (cont = 1.01)	Reasoned Correction	Final True Deflection
1	10.1	10.7	20.2	21.7	0.0260	0.0262	1.26	0.033
2	45.2	45.9	81.4	83.0	0.0976	0.0985	1.26	0.124
3	36.0	36.2	76.5	78.2	0.0812	0.0820	1.26	0.103
4	48.0	48.8	85.2	87.0	0.1021	0.1031	1.26	0.130
5	43.8	44.2	84.8	85.7	0.0863	0.0861	1.26	0.112
6	47.5	48.2	83.0	84.3	0.0860	0.0860	1.26	0.125
7	36.2	40.1	82.0	84.0	0.0897	0.0908	1.26	0.114
8	36.5	37.2	76.0	77.4	0.0814	0.0822	1.26	0.104
9	37.4	38.0	73.8	77.2	0.0808	0.0877	1.26	0.111

TABLE A.34. Deflection Computations for Cut at UCMACMON3579-1

Pile No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave. Interim Deflection (1/1000 in.)	Ave. Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (Corr = 1.81)	Seasonal Correction	Final Live Deflection
1	5.0	5.0	11.0	12.1	0.0130	0.0200	1.20	0.020
2	13.0	13.0	25.0	27.1	0.0305	0.0401	1.20	0.082
3	12.5	13.0	22.7	23.8	0.0288	0.0434	1.20	0.055
4	15.0	18.2	30.8	31.8	0.0350	0.0504	1.20	0.071
5	14.0	14.5	27.5	28.5	0.0313	0.0505	1.20	0.084
6	15.0	18.1	30.3	32.1	0.0372	0.0500	1.20	0.078
7	14.2	15.0	28.2	30.0	0.0354	0.0500	1.20	0.072
8	18.1	17.1	31.0	33.0	0.0384	0.0810	1.20	0.078
9	17.2	18.0	38.7	38.0	0.0448	0.0721	1.20	0.081

TABLE A.35. Deflection Computations for Cut at UCMACPUR426-1

Final No	Intermediate Deflection (1/1000 in.)	Final Deflection (1/1000 in.)	Ave. Interim Deflection (1/1000 in.)	Ave. Final Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp. Corrected Deflection (Case = 1.49)	Seasonal Correction	Final True Deflection (1/1000 in.)
1	10.5	8.5	23.5	20.7	0.0127	0.0100	1.20	0.024
2	21.4	22.0	43.0	43.0	0.0405	0.0000	1.20	0.007
3	28.0	27.0	53.0	52.2	0.0400	0.0730	1.20	0.093
4	30.7	30.7	57.0	57.0	0.0504	0.0004	1.20	0.100
5	23.0	24.2	48.4	50.0	0.0517	0.0705	1.20	0.090
6	26.5	27.0	51.7	52.5	0.0540	0.0011	1.20	0.102
7	26.3	26.4	51.3	51.5	0.0521	0.0771	1.20	0.107
8	16.5	16.8	37.1	36.5	0.0340	0.0515	1.20	0.065
9	17.0	16.0	30.3	37.0	0.0425	0.0020	1.20	0.070

TABLE A.36. Deflection Computations for Cut at UCMACPUR554-1

Pile No	Intermediate Deflection (1/1000 in.)	Fixed Deflection (1/1000 in.)	Ave Interim Deflection (1/1000 in.)	Ave Fixed Deflection (1/1000 in.)	Corrected Deflection (in.)	Temp Corrected Deflection (Corr = 1.95)	Seasonal Correction	Final Free Deflection
1	26.8	27.0	52.1	52.5	0.0538	0.0831	1.26	0.105
	25.2	25.5						
2	30.3	30.7	62.2	63.0	0.0853	0.1012	1.26	0.127
	31.8	32.3						
3	23.6	24.7	48.0	50.6	0.0552	0.0855	1.26	0.108
	25.2	25.8						
4	23.2	23.8	45.0	45.4	0.0485	0.0721	1.26	0.091
	21.8	21.8						
5	23.8	23.2	44.3	44.8	0.0482	0.0716	1.26	0.090
	21.3	21.6						
6	21.0	21.6	42.2	44.6	0.0481	0.0701	1.26	0.088
	21.2	22.4						
7	21.2	21.6	42.1	42.6	0.0468	0.0694	1.26	0.087
	20.8	21.0						
8	22.0	22.1	44.1	44.7	0.0484	0.0718	1.26	0.091
	22.1	22.8						
9	21.1	21.4	41.3	41.6	0.0438	0.0678	1.26	0.085
	20.2	20.5						

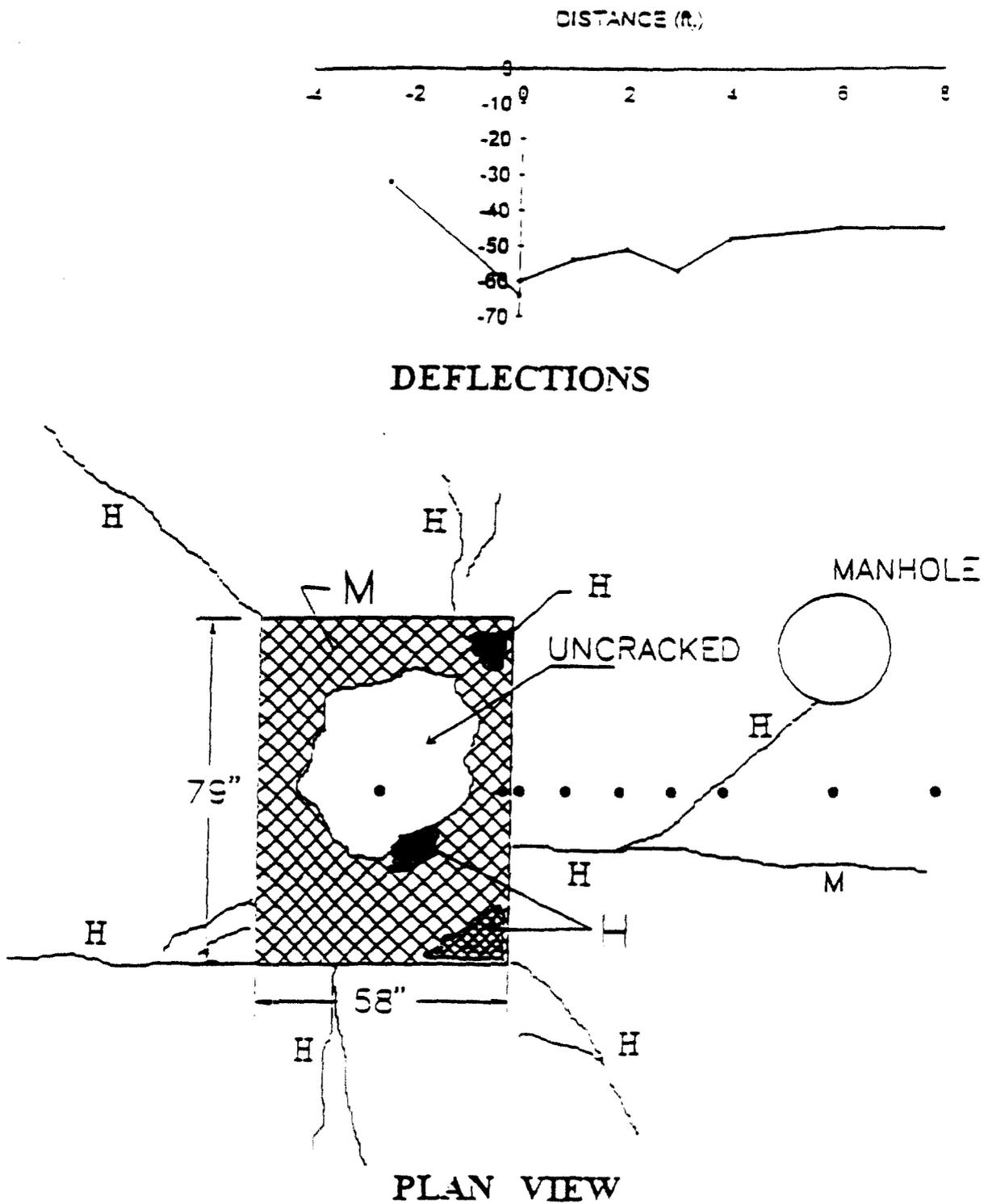
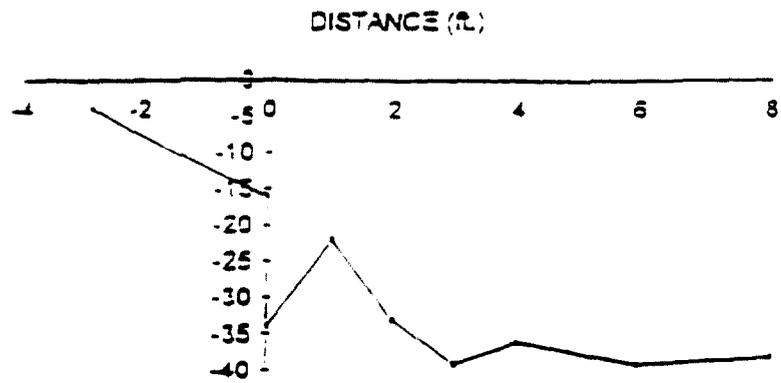
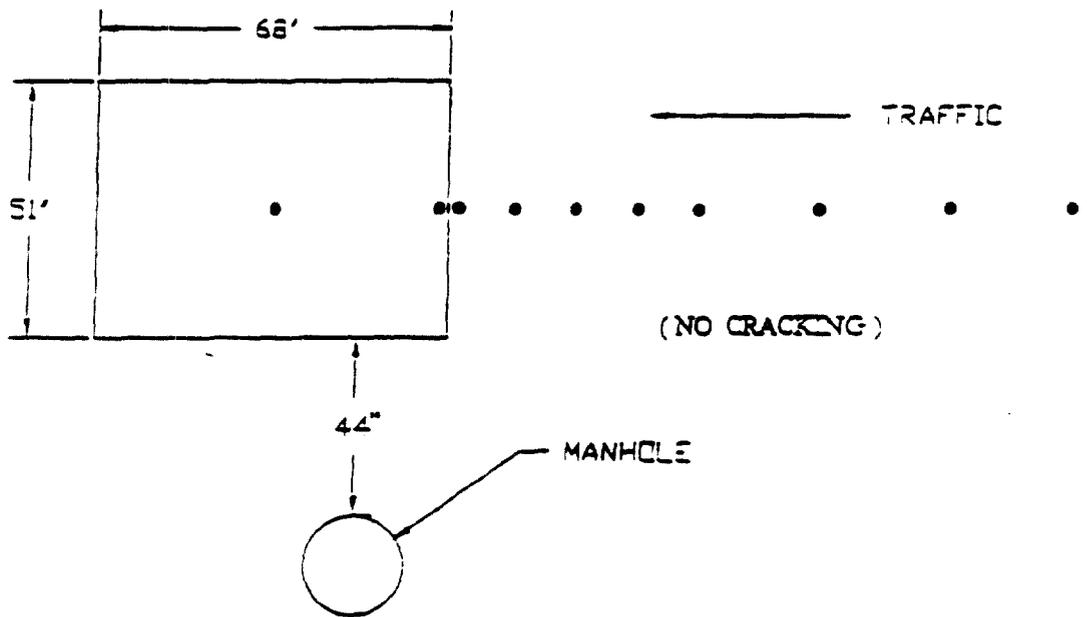


FIG. A.1. Plot of Deflections and Plan View at cut UCASP7&PINT-1

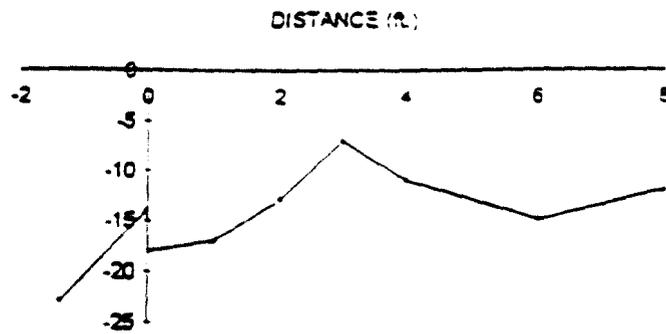


DEFLECTIONS

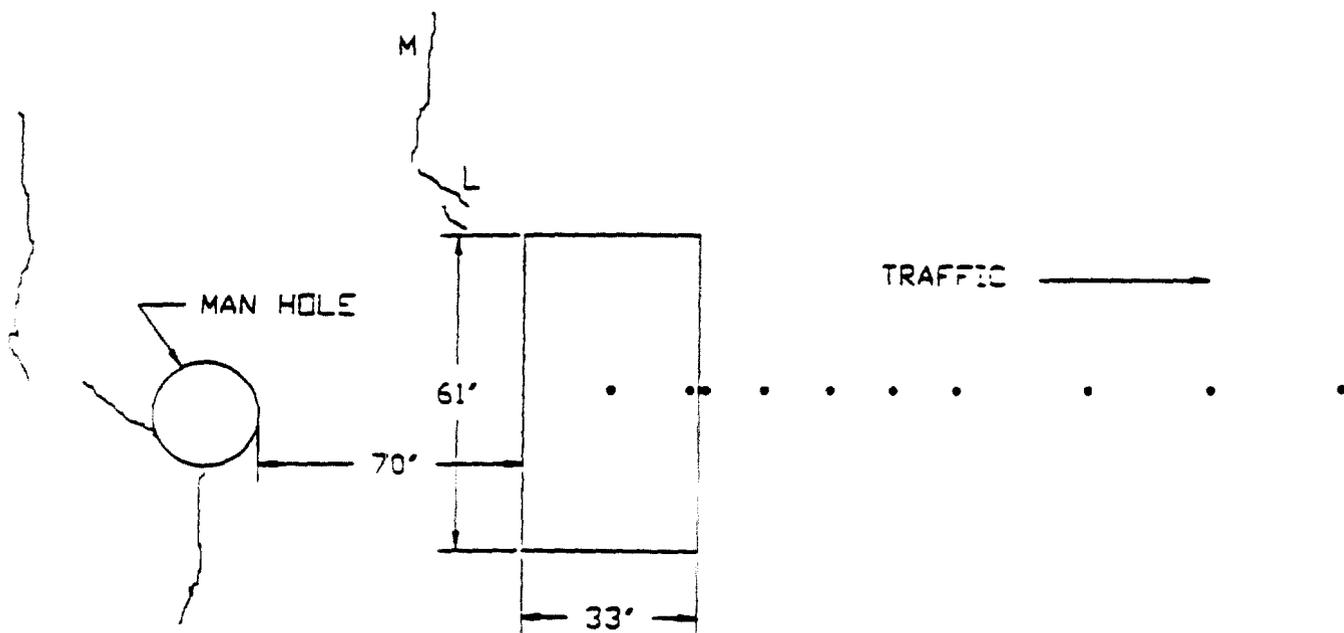


PLAN VIEW

FIG. A.2. Plot of Deflections and Plan View at cut UCASPLI3217-1

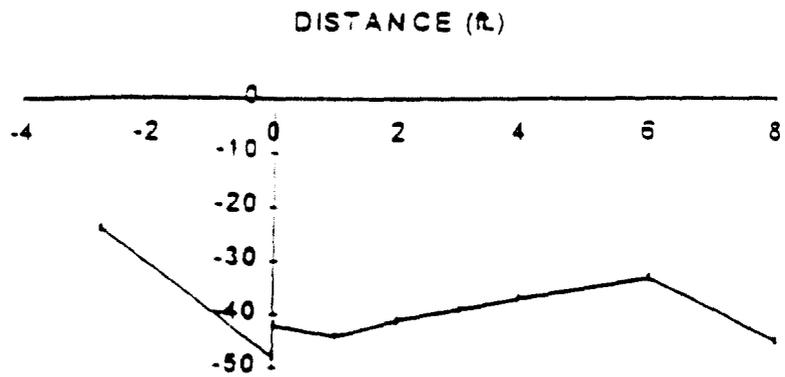


DEFLECTIONS

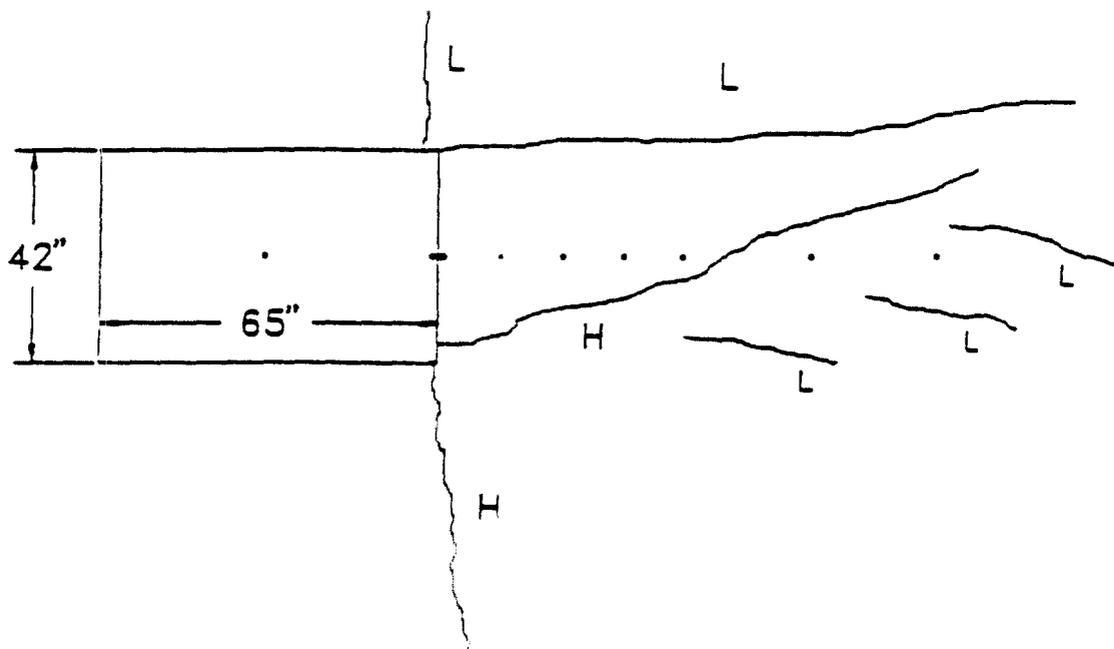


PLAN VIEW

FIG. A.3. Plot of Deflections and Plan View at cut UC.ASPCLIHUC-1

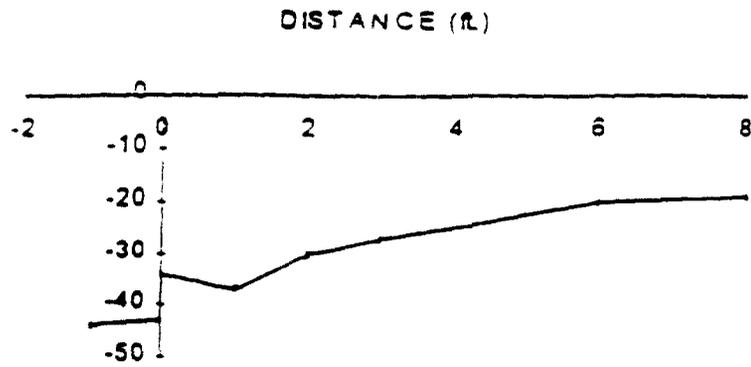


DEFLECTIONS

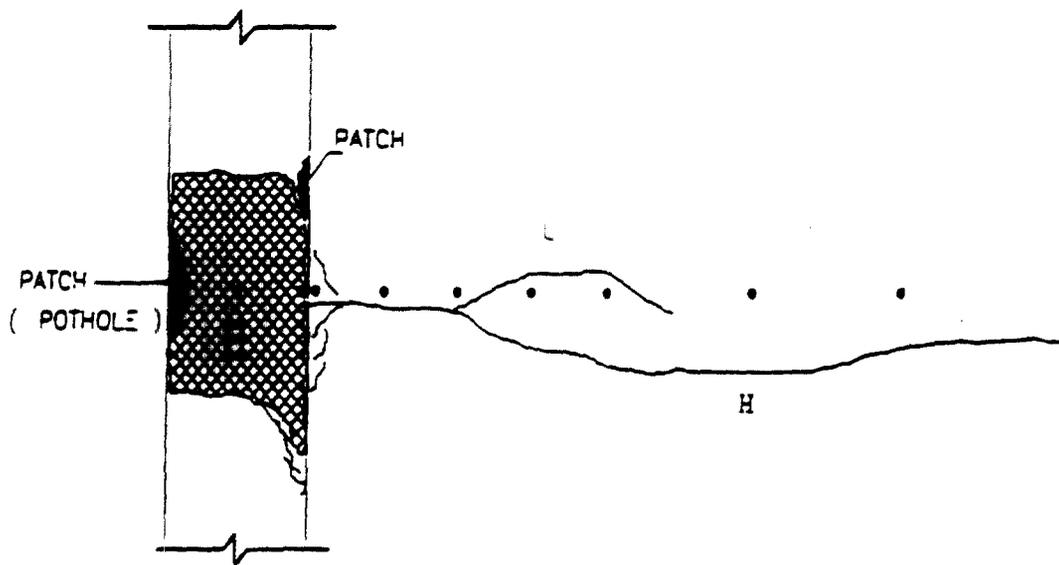


PLAN VIEW

FIG. A.4. Plot of Deflections and Plan View at cut UCASPEMC169-1

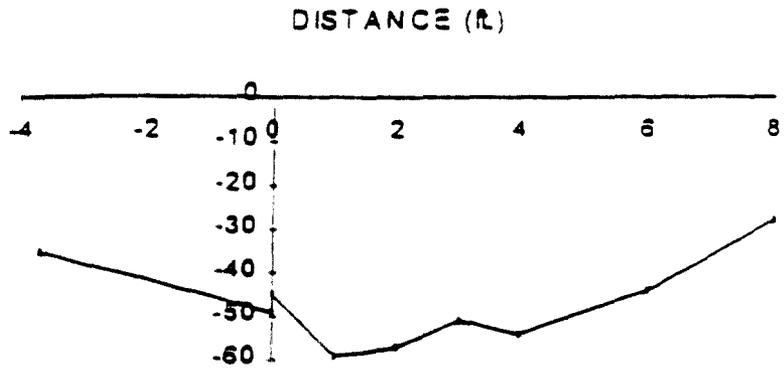


DEFLECTIONS

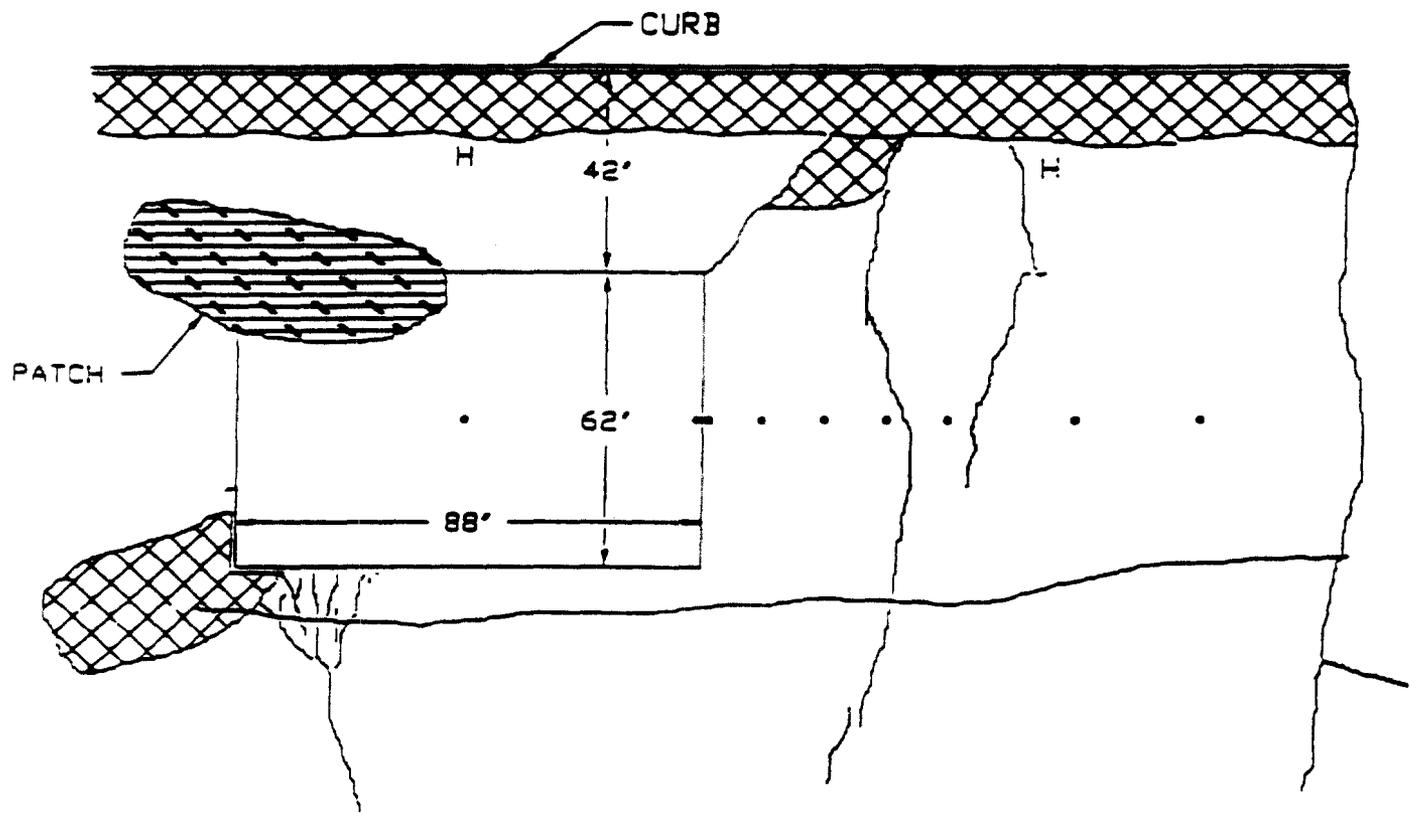


PLAN VIEW

FIG. A.5. Plot of Deflections and Plan View at cut UCASPEMC173-1

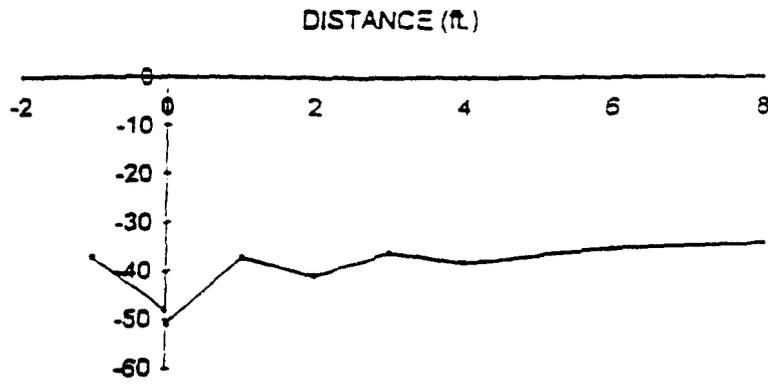


DEFLECTIONS

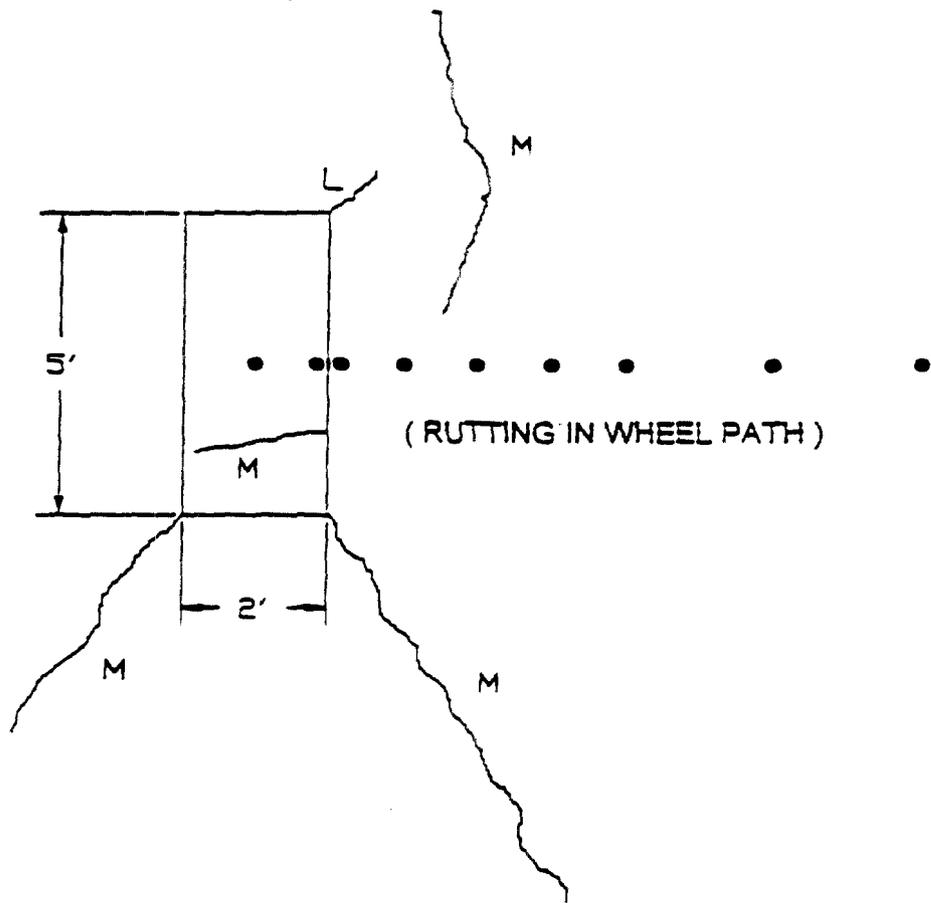


PLAN VIEW

FIG. A.6. Plot of Deflections and Plan View at cut UCASPEMC159-1

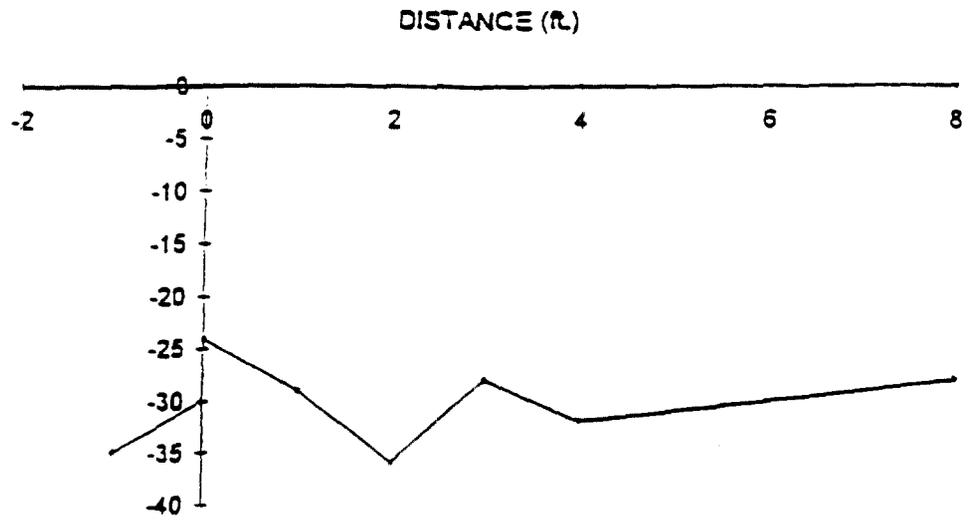


DEFLECTIONS

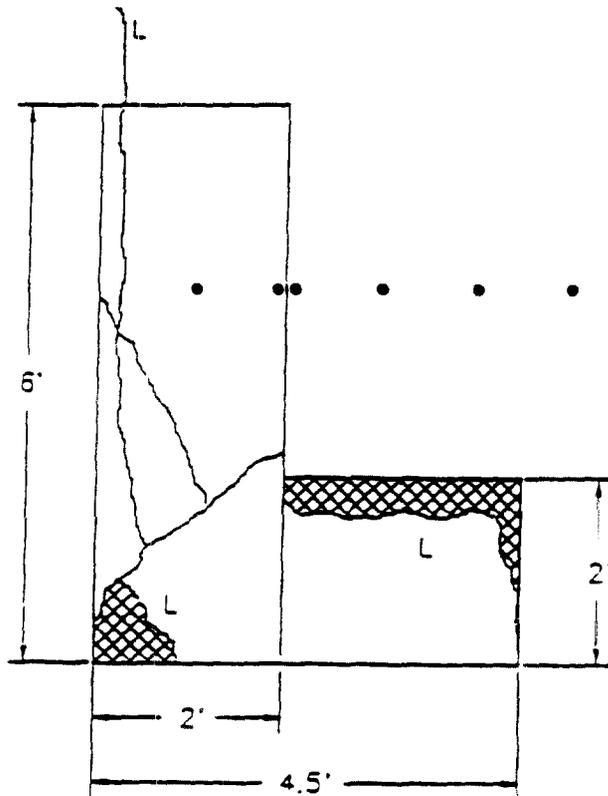


PLAN VIEW

FIG. A.7. Plot of Deflections and Plan View at cut UCASP8TE304N-1

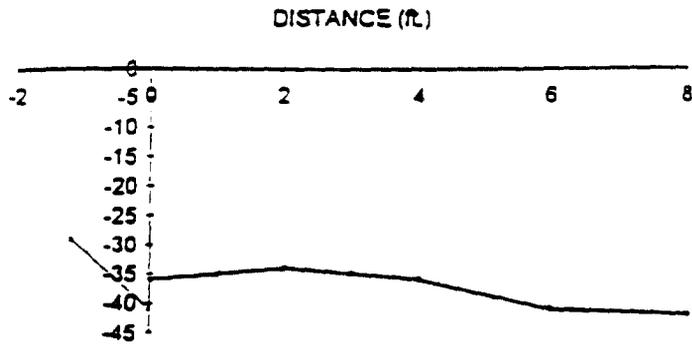


DEFLECTIONS

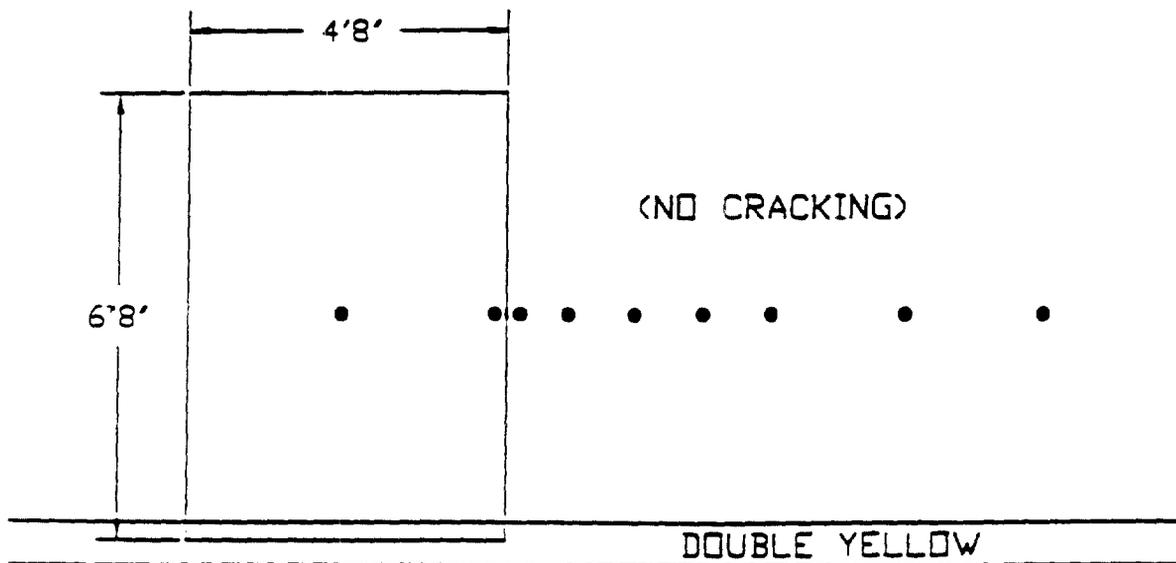


PLAN VIEW

FIG. A.8. Plot of Deflections and Plan View at cut UCASP8TH304S-1

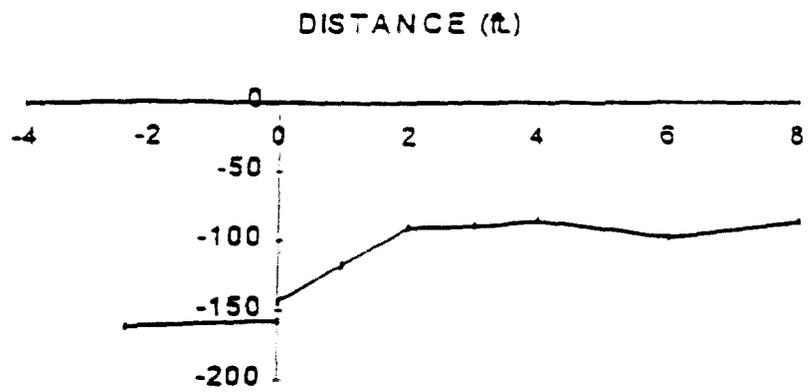


DEFLECTIONS

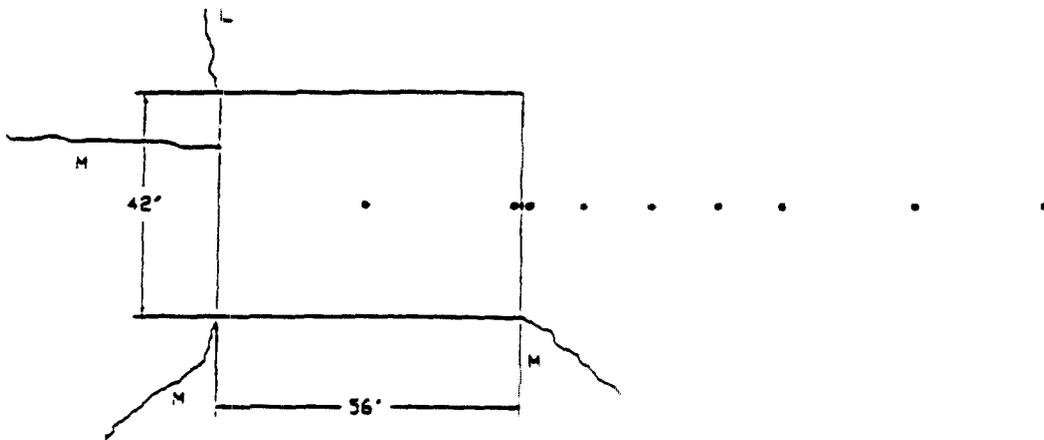


PLAN VIEW

FIG. A.9. Plot of Deflections and Plan View at cut UCASPFAR1720-1

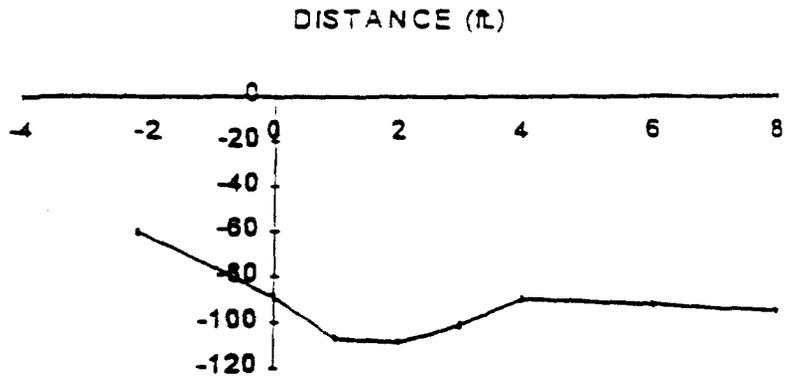


DEFLECTIONS

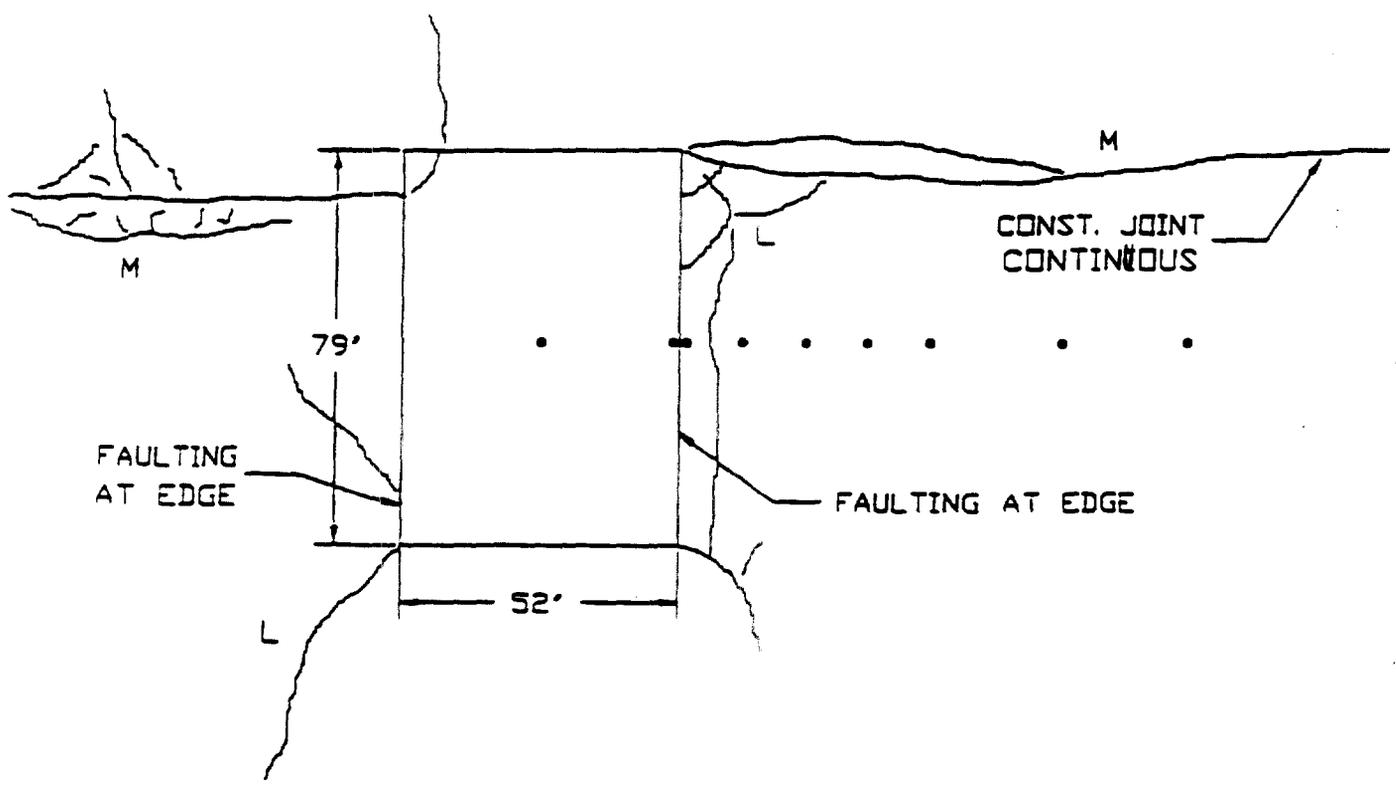


PLAN VIEW

FIG. A.10. Plot of Deflections and Plan View at cut UCASPLIN859-1

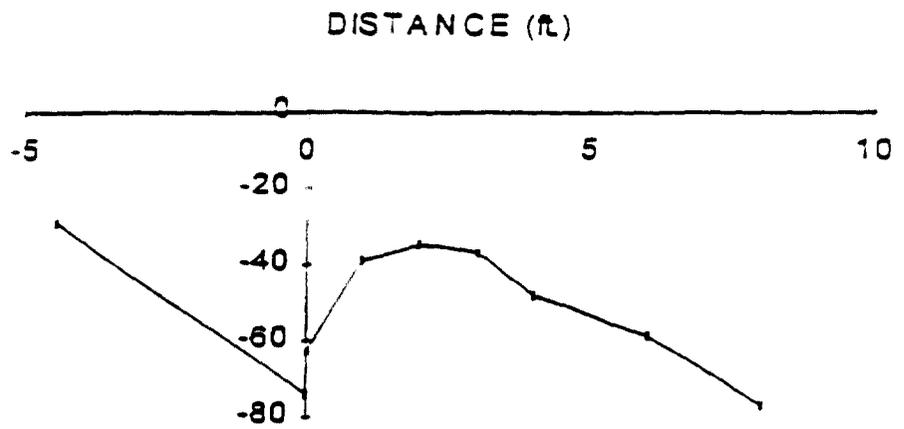


DEFLECTIONS

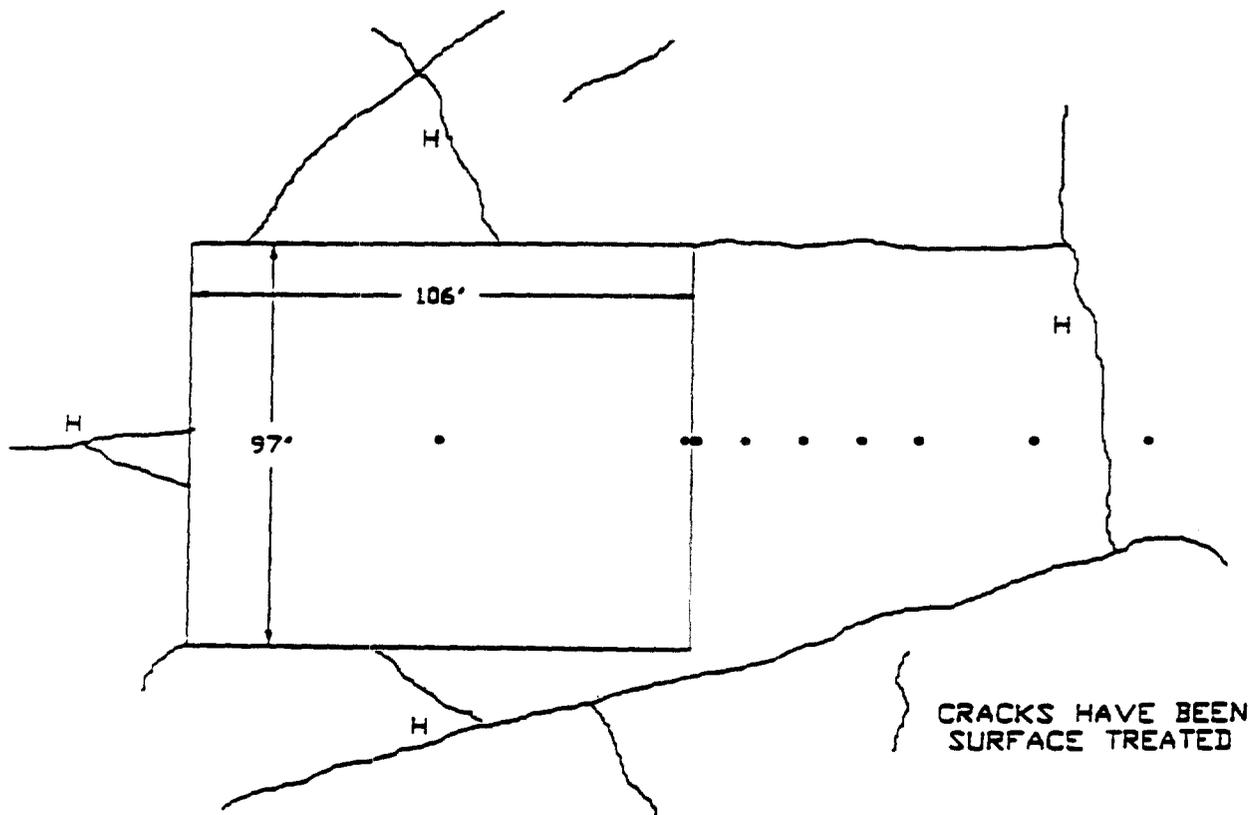


PLAN VIEW

FIG. A.11. Plot of Deflections and Plan View at cut UCASPSTA2641-1



DEFLECTIONS



PLAN VIEW

FIG. A.12. Plot of Deflections and Plan View at cut UCASPVPW2229-1